

Geometry
Unit 14- Objectives

Ketner

Objective I - Chords

- a. Be able to find the length of chords given a radius and arc measure.
- b. Be able to find the length of a side of an inscribed regular polygon.
- c. Be able to find the measure of angles formed by chords.

Objective II - Secants

- a. Be able to find the measure of angles formed by secants.
- b. Be able to find the length of secants.

Objective III - Tangents

- a. Be able to find the maximum distance that can be seen from a particular elevation.
- b. Be able to find the measure of angle formed by a tangent and a chord.
- c. Be able to find the measure of angle formed by a tangent and a secant.
- d. Be able to find the measure of angle formed by two tangents.
- e. Be able to use the Tangent Square Theorem to find the length of a segment.

Objective IV - Inscribed Angle Theorem

- a. Be able to find the measure of an inscribed angle given an arc measure.

Objective V - Locating the center of a circle

- a. Be able to use the perpendicular bisector method to locate the center of a circle.
- b. Be able to use the right-angle method to locate the center of a circle.

Objective VI - Distributed Practice

- a. Unit 13

Geometry
Unit 14- Assignments

Ketner

Assign. #	Section	Objective	Page and Problem #	# of Probs.	Due Date
1	14-1	Chord Lengths DP: Unit 13	Pg. 804 4,6-9,11-19 Pg. 795 11,12,15,16	13 4	
2	14-2	Inscribed Angle Theorem DP: Chord Lengths DP: Unit 13	Pg. 810 3,4,8-12,15 Pg. 812 18, 19 Pg. 795 20-24	8 2 5	
3	14-3	Locating the Center of a Circle DP: Inscribed Angle Theorem DP: Chord Length DP: Unit 13	Pg. 815 1,2,6-9 Pg. 815 10-13 Pg. 815 14-15 Pg. 797 49-52	6 4 2 4	
4	14-4	Angle Measures from Secants & Chords DP: Center of a Circle DP: Chord Length	Pg. 820 1-4,6,8-11 Pg. 859 #17-19 Pg. 858 #1-4	9 3 4	
5	14-5	Tangents DP: Inscribed Angle Theorem DP: Angle Measure Secants & Chords	Pg. 826 4-10,12,14,18 Pg.822 #14 Pg.828 #19 Pg. 858 #11-13	10 2 3	
6	14-6	Angles Formed by Tangents DP: Tangents DP: Center of a Circle	Pg. 832 1-7,9-15 Pg. 834 16,17 Pg. 856 #2 Pg. 859 #20	14 2 2	
7	14-7	Tangent, Secant, and Chord Lengths DP: Tangent Elevation DP: Angle Measures from Chords, Secants, and Tangents	Pg. 839 1-12 Pg. 861 #43, 44 Pg. 840 14, 15, 17	12 2 3	
8	Unit 14	DP: Unit 14	Pg. 858 #5-10 Pg. 859 #14-16, 18,19, 21-24 Pg. 861 #45, 46	6 9 2	